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Selective value prediction > Also published in ...

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↑ ABSTRACT

Value Prediction is a relatively new technique to increase instruction-level parallelism by breaking true data dependence chains. A value prediction architecture *produces* values, which may be later *consumed* by instructions that execute speculatively using the predicted value. This paper examines selective techniques for using value prediction in the presence of predictor capacity constraints and reasonable misprediction



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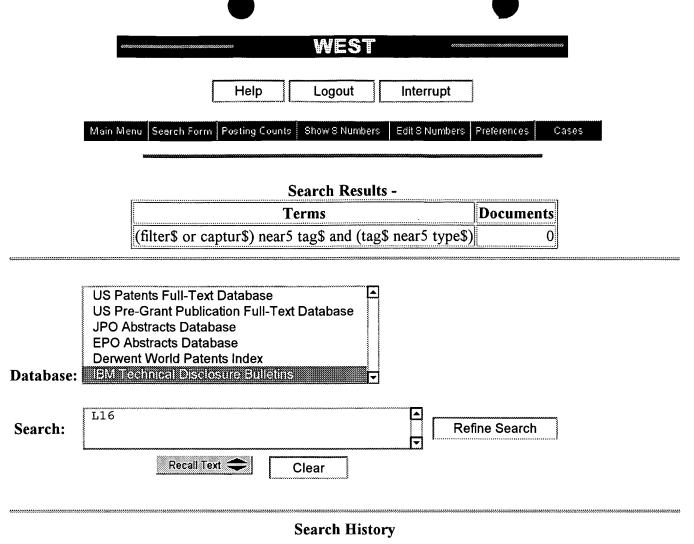
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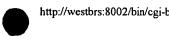
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<u>L11</u>	L10 and 19	3	<u>L11</u>
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<u>L9</u>	(filter\$ or captur\$) near5 tag\$ and (tag\$ near5 type\$)	155	<u>L9</u>
<u>L8</u>	(decod\$ or translat\$) tag\$ and filter\$ and (type\$ near5 tag\$)	21	<u>L8</u>
<u>L7</u>	(trace\$ near4 filter\$) and (filter\$ near5 table\$) same tag\$	0	<u>L7</u>
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<u>L5</u>	11 and (tranlsat\$ or convert\$ or decod\$)near6 tag\$	0	<u>L5</u>
<u>L4</u>	11 and filter\$	1	<u>L4</u>
<u>L3</u>	11 and decod\$	1	<u>L3</u>
<u>L2</u>	L1 and filter\$ and (tag\$ near5 type\$)	1	<u>L2</u>
<u>L1</u>	6311327.PN.	1	<u>L1</u>

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